

WHAT IS CLAIMED IS:

1. A reproducing apparatus with a sub-picture processing function, comprising:

5 a main picture decoder for decoding compressed main picture data and outputting a main picture signal;
a sub-picture decoder for decoding sub-picture data;

10 sub-picture processing means for receiving the sub-picture signal decoded at said sub-picture decoder and changing the layout position and/or size of the sub-picture signal; and

combining means for combining the processed sub-picture signal outputted from said sub-picture processing means with said main picture signal.

15 2. The reproducing apparatus with a sub-picture processing function according to claim 1, wherein said main picture information and sub-picture information are reproduced from a recording medium.

20 3. The reproducing apparatus with a sub-picture processing function according to claim 1, wherein said sub-picture processing means carries out a line feed process of subtitles serving as the sub-picture signal or a color change process.

25 4. The reproducing apparatus with a sub-picture processing function according to claim 1, wherein said sub-picture processing means is provided with the function of smoothing the edge of the subtitles in

enlarging the subtitles serving as the sub-picture signal.

5 5. The reproducing apparatus with a sub-picture processing function according to claim 1, further comprising video processing means between said main picture decoder and combining means, the video processing means being provided with a video processing/sub-picture processing synchronizing function of causing said video processing means to
10 enlarge a picture at the same magnifying power as that of the subtitle enlargement, when said sub-picture processing means enlarges the subtitles serving as the sub-picture signal.

15 6. A reproducing apparatus with a sub-picture processing function, comprising:
 a main picture decoder for decoding compressed main picture data and outputting a main picture signal;
 a sub-picture decoder for decoding sub-picture data;

20 sub-picture processing means for receiving the sub-picture signal decoded at said sub-picture decoder and changing the layout position and/or size of the sub-picture signal;

25 control means for supplying a control signal for enlarging or reducing said sub-picture signal to said sub-picture processing means; and

 combining means for combining the processed

sub-picture signal outputted from said sub-picture processing means with said main picture signal.

5 7. The reproducing apparatus with a sub-picture processing function according to claim 6, wherein said control means further supplies a control signal for changing the layout position of said sub-picture signal with respect to said main picture signal.

10 8. The reproducing apparatus with a sub-picture processing function according to claim 6, wherein said control means further supplies a control signal for changing the display color of said sub-picture signal.

15 9. The reproducing apparatus with a sub-picture processing function according to claim 6, wherein said control means creates said control signal in response to the signal from a remote controller.

20 10. The reproducing apparatus with a sub-picture processing function according to claim 6, wherein said sub-picture data is extracted from a broadcasting signal.

 11. The reproducing apparatus with a sub-picture processing function according to claim 6, wherein said sub-picture data is the data reproduced from an optical disk or a hard disk.